

**PROPOSED 2006 WISCONSIN PM2.5 MONITORING NETWORK  
22 STATION NETWORK**

Monitoring Area Population	Site Type	Priority	Monitoring Site(s) (AIRS Site I.D.#s 55-)	Scale of Representation  Start Date	Mon. Freq.	Comments
Milwaukee/Waukesha (1.5 million)	CORE Community Oriented FRM Collocated Site	High	1. Milwaukee SER-DNR Headquarters 2300 N. Dr. MLK Jr. Dr. (079-0026)	Urban  Primary- 12/31/98 Colo.-01/30/99	1/3	Existing PAMS station, continuous PM2.5 (FDMS, Rev. “A” added in Sept.’03 – Rev. “B” in spring ‘05). PM2.5 speciation monitor (1/3) began operation in Jan. 2001. Continuous PM2.5 Speciation in 2004 at nearby site (UWM- North) in 2004 – Study will end in June 2005. Supersite. Midwest Hazecam and nephelometer equipment went on- line south of central business district at Bay View Terrace Condos on 6/16/2004.

	SLAMS	High	2. Milwaukee Milwaukee Fire District Hdqs. 711 West Wells St. (079-0099)	Neighborhood  02/05/99	1/3	Site to continue operation at least through Marquette Interchange construction.
	CORE Community Oriented	High	3. Milwaukee 16th St. Community Health Center - at Int. of 16th St. and Greenfield Ave. (079-0010)	Neighborhood  12/25/98	1/3	This site has been a PM2.5 mon. site since spring 1997 when sampling began with Partisol FRM sampler.
	CORE Community Ave.	High	4. Milwaukee 4942 S. 16th Street(F.A.A.) (079-0059)	Neighborhood  Primary- 12/31/98 Colo.-July'99	1/3	Existing NAMS PM10 site. Continuous FDMS – Rev. “B” PM2.5 began on 02/05/04.
Milwaukee/Waukesha (cont.) (1.5 million)	SLAMS Daily Compliance Source-Oriented	Med.	5. Milwaukee Milwaukee Fire District Station. 100 W. Virginia St. (079-0043)	Middle  01/30/99	1/3	Site to continue operation at least through Marquette Interchange construction.

	CORE Community Oriented	High	6. Waukesha Int. of Niagara St. and Cleveland Ave. (133-0027)	Neighborhood  Primary- 12/31/98 Colo.-02/11/99	1/3	Existing NAMS PM10 site. PM2.5 speciation mon. (1/6) began Jan.'02. PM2.5 (Speciation monitoring proposed for shutdown July 2006). PM2.5 monitoring site since spring '97 with FRM Partisol sampler. Continuous FDMS PM2.5 – Rev. “B” added on 03/05/04). Continuous PM10 added on 3/31/04.
Ozaukee County/ Harrington Beach	SLAMS Urban Transport	High	7. Harrington Beach State Park – 531 Hwy “D” (089-0009)	Regional 05/09/03	1/3	Continuous FDMS – Rev. “B” PM2.5 added on 4/29/04.
Manitowoc/Two Rivers (50,000)	SLAMS Urban Transport	High	8. Manitowoc Woodland Dunes Preserve 2315 Goodwin Road. (071-0007)	Regional  12/31/98	1/3	PAMS station incl. ozone and high sens. NOX and NOY. PM2.5 speciation mon. began Jan. 2002 and ended in February 2005. Continuous FDMS

						PM2.5 – Rev. “B” added in Jan. 2004.
Madison (400,000)	CORE Community Oriented	High	9. Madison City Well # 6 2757 University Avenue High pop./veh. Traffic/industry (025-0047)	Neighborhood  01/01/99	1/3	Maintain operation of this Madison site rather than Dayton St. site (025-0025) due to citizen concerns Re: expansion of nearby UW power plant.
Madison (400,000)	SPM	High	10. Madison Lowell School Maple Street Citizen Concerns of nearby foundry emissions (025- )	Neighborhood  August 2005	1/3	Perform PM2.5 sampling for one year in response to local air quality concerns.

Green Bay (195,000)	SLAMS Community Oriented FRM Collocated Site	High	11. Green Bay East High School 1415 E. Walnut Street (009-0005)	Neighborhood  Primary- 12/31/98 Colo.-12/31/98	1/3	Existing SLAMS SO2 site. Continuous TEOM PM2.5 with FDMS – Rev. “B” began in December 2004 to measure PM2.5 continuously in Fox Valley/NE Wisconsin area for AIRNOW and AQS data submittals.
Green Bay (195,000)	SPM	Med.	12. Green Bay Younkers 1300 N. Quincy Street (009-0009)	Neighborhood  Summer 2003	1/3	TSP Metals site collocated with PM10 for intercomparison of PM2.5 and PM10 in urban multi-source area. Proposed for shutdown no sooner than Jan 2006, no later than July 2006.

Kenosha County	SLAMS Interstate Transport	High	13. Chiwaukee Prairie Nature Preserve 11838 First Court Town of Pleasant Prairie Kenosha County (059-0019)	Regional  12/25/98	1/3	This site has been a PM2.5 monitoring site since Spring 1997 with Partisol FRM sampler. PM2.5 speciation mon. (1/6) began January 2002 (Speciation monitoring proposed for shutdown in January 2006). Began continuous TEOM PM2.5 (in July 2002) and with FDMS Rev. "B" in December 2004.
Grant County	SPM Interstate Transport	High	14. Tennyson Potosi High School 128 Hwy 61 (043-0009)	Regional  12/31/98 01/01/01	1/6 1/3	Sequential sampler installed at end of December 2000

Dodge County	SPM Urban Transport	Med.	15. Mayville Town of Hubbard N6705 Madison Road (027-0007)	Regional  12/31/98  New Sequential Sampler 07/08/99	1/6    1/3	SLAMS ozone site, visibility Mon. station using nephelometer. Cont. PM2.5 TEOM with FDMS Rev. "B" and speciation site (1/3). Collocated TEOM continuous PM2.5 with FDMS Rev. "B"s and Cont. TEOM PM10 began in February 2005. Supersite station. Midwest Hazecam site.
Outagamie County	CORE Community Oriented	Low	16. Appleton Aid Assoc.for Lutherans 4400 Block of N. Meade Street (087-0009)	Neighborhood  12/31/98	1/3	Existing SLAMS ozone site.

Sauk County	SLAMS Regional Background  FRM Collocated Site	Med.	17. Baraboo Devil's Lake State Park E 12886 Tower Road. (111-0007)	Regional 05/09/03	1/3	Continuous PM2.5 sampler installed 11/14/03 with FDMS Rev. "A" (upgraded to Rev. "B" in spring 2005), collocated PM2.5 TEOM with FDMS Rev. "B" installed in October 2004 . O3, Met. and HG Dep. MDN. Supersite.
Waupaca County	SPM	Med.	18. Waupaca East Side Motors E 3520 Hwys. 22/54 (135-0004)	Neighborhood 06/26/2004	1/3	TSP metals site collocated with PM10 for intercomparison of PM2.5 and PM10 in multi-source area. Proposed for shutdown no sooner than Jan 2006, no later than July 2006.
Vilas County	SPM Background	Low	19. Boulder Junction Trout Lake Forestry Hdqrs. County Hwy. M (125-0001)	Regional 12/31/98	1/6	Existing ozone site.



Taylor County	SPM Regional Background	Med.	20. Perkinstown County Hwy. M (119-8001)	Regional May 2003	1/3	PM2.5 Speciation site (1/6) est. in Dec. 2001. Continuous PM2.5 with FDMS Rev. "A" installed on 11/21/03 (upgraded to Rev. "B" in spring 2005) to fill gap in north-central WI for regional PM2.5 mapping effort.
St. Croix County	SPM Interstate Transport	High	21. Somerset Highway 64 East of Somerset (109-1002)	Regional 09/16/2004	1/3	FRM and TEOM Continuous PM2.5 with FDMS – Rev. "B" installed in September 2004 to measure PM2.5 transport into western WI continuously for AIRNOW, AQS and to respond to PM2.5 advisories issued for Twin Cities.
LaCrosse County	SPM Interstate Transport	High	22. LaCrosse	Regional Winter 2005- 2006	1/6	Evaluate Impact of Regional Episode PM2.5 Concs. in LaCrosse area and determine correlation with Rochester, MN PM2.5 measurements.